

GRAPH ATTRIBUTES:
RSPEC 13 2
NUMBER OF NODES IS 17

=> d his 13

$$\Rightarrow d \mid 17$$

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VAR G2=H/ME/ET/I-PR/N-PR/N-BU/I-BU/T-BU
VPA 16-11/12/13/15/10 U
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NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ELEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC 13 2
NUMBER OF NODES IS 18

STEREO ATTRIBUTES: NONE

=> search 17
ENTER TYPE OF SEARCH (SSS), CSS, FAMILY, OR EXACT:sss
ENTER SCOPE OF SEARCH (SAMPLE), FULL, RANGE, OR SUBSET:subset
ENTER SUBSET L# OR (END):ful
FUL IS NOT A VALID L#
L-numbers must be in the range L1-L999.
ENTER SUBSET L# OR (END):13
ENTER SUBSET SEARCH SCOPE - SAMPLE, FULL, RANGE, OR (END):ful
FULL SUBSET SEARCH INITIATED 14:32:52 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED - 119 TO ITERATE

100.0% PROCESSED 119 ITERATIONS 55 ANSWERS
SEARCH TIME: 00.00.01

L8 55 SEA SUB=L3 SSS FUL L7

=> fil caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 86.50 273.41

FILE 'CAPLUS' ENTERED AT 14:32:57 ON 10 MAR 2008
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FILE COVERS 1907 - 10 Mar 2008 VOL 148 ISS 11
FILE LAST UPDATED: 9 Mar 2008 (20080309/ED)

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=> s 18
L9 1 L8

=> d bib abs

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2004:390225 CAPLUS

DN 140:406740

TI A preparation of novel piperidine derivatives, useful as monoamine neurotransmitter re-uptake inhibitors

IN Waetjen, Frank

PA Neurosearch A/S, Den.

SO PCT Int. Appl., 31 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004039778	A1	20040513	WO 2003-DK734	20031030
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2502704	A1	20040513	CA 2003-2502704	20031030
	AU 2003277827	A1	20040525	AU 2003-277827	20031030
	BR 2003014821	A	20050802	BR 2003-14821	20031030
	EP 1560813	A1	20050810	EP 2003-769250	20031030
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	CN 1705644	A	20051207	CN 2003-80101342	20031030
	JP 2006507363	T	20060302	JP 2005-501800	20031030
	NZ 538514	A	20070928	NZ 2003-538514	20031030
	ZA 2005002498	A	20060628	ZA 2005-2498	20050329
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	IN 2005CN00780	A	20070629	IN 2005-CN780	20050429
	NO 2005002624	A	20050531	NO 2005-2624	20050531
FRAI	DK 2002-1689	A	20021101		
	DK 2003-727	A	20030513		
	US 2003-469817P	P	20030513		
	WO 2003-DK734	W	20031030		
OS	MARPAT 140:406740				
GI					

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The invention relates to novel piperidine derivs. of formula I [wherein: R1 = H, (cyclo)alkyl, or alk(en/yn)yl, etc.; R2 is a 3,4-di(halo/trifluoromethyl)benzene; R3 is C(O)OR4 or CH2OR4; R4 = H, (cyclo)alkyl, alk(en/yn)yl, or cycloalkylalkyl], useful as monoamine neurotransmitter re-uptake inhibitors. Methods of therapy were discussed (no biol. data). The suitable dosage ranges from 0.1 to 1000 mg daily. For instance, piperidine derivative (+)-II was prepared via addition of arecoline (III) to 1-bromo-3,4-dichlorobenzene, separation of cis- and trans-isomers of the obtained piperidinecarboxylate, reduction of the obtained cis-intermediate IV, and subsequent resolution

=> fil reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	3.39	276.80
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.80	-0.80

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STRUCTURE FILE UPDATES: 9 MAR 2008 HIGHEST RN 1007215-88-4
 DICTIONARY FILE UPDATES: 9 MAR 2008 HIGHEST RN 1007215-88-4

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 experimental property data in the original document. For information
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<http://www.cas.org/support/stngen/stndoc/properties.html>

=> d his

(FILE 'HOME' ENTERED AT 14:24:57 ON 10 MAR 2008)

FILE 'REGISTRY' ENTERED AT 14:25:07 ON 10 MAR 2008

L1 STRUC
 L2 1 S L1
 L3 119 S L1 FUL

FILE 'CAPLUS' ENTERED AT 14:28:38 ON 10 MAR 2008

L4 12 S L3

FILE 'REGISTRY' ENTERED AT 14:29:45 ON 10 MAR 2008

L5 STRUC
 L6 57 SEARCH L5 SSS SUB=L3 FUL
 L7 STRUC
 L8 55 SEARCH L7 SSS SUB=L3 FUL

FILE 'CAPLUS' ENTERED AT 14:32:57 ON 10 MAR 2008

L9 1 S L8

FILE 'REGISTRY' ENTERED AT 14:33:24 ON 10 MAR 2008

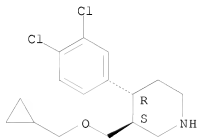
=> s l3 not l8
 L10 64 L3 NOT L8

=> d scan

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Piperidine, 3-[(cyclopropylmethoxy)methyl]-4-(3,4-dichlorophenyl)-,
(3R,4S)-rel-(+)-, (2E)-2-butenedioate (1:1) (9CI)
MF C16 H21 Cl2 N O . C4 H4 O4

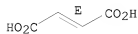
CM 1

Rotation (+). Absolute stereochemistry unknown.



CM 2

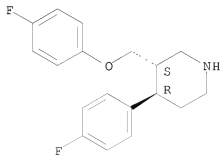
Double bond geometry as shown.



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):63

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Piperidine, 3-[(4-fluorophenoxy)methyl]-4-(4-fluorophenyl)-,
hydrochloride, trans- (9CI)
MF C18 H19 F2 N O . Cl H

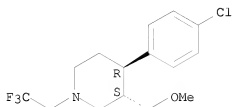
Relative stereochemistry.



● HCl

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 4-(4-chlorophenyl)-3-(methoxymethyl)-1-(2,2,2-trifluoroethyl)-
 , trans- (9CI)
 MF C15 H19 Cl F3 N O
 CI COM

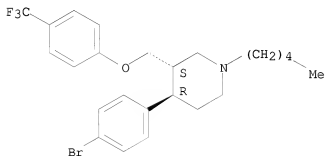
Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 4-(4-bromophenyl)-1-pentyl-3-[[4-(trifluoromethyl)phenoxy]meth
 yl]-, hydrochloride, trans- (9CI)
 MF C24 H29 Br F3 N O . Cl H

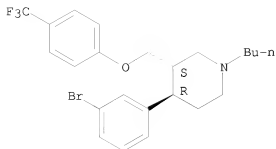
Relative stereochemistry.



● HCl

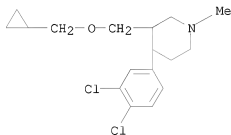
L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 4-(3-bromophenyl)-1-butyl-3-[[4-(trifluoromethyl)phenoxy]meth
 yl]-, trans- (9CI)
 MF C23 H27 Br F3 N O
 CI COM

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

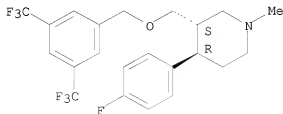
L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 3-[(cyclopropylmethoxy)methyl]-4-(3,4-dichlorophenyl)-1-methyl-
 MF C17 H23 Cl2 N O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 3-[[[3,5-bis(trifluoromethyl)phenyl]methoxy]methyl]-4-(4-fluorophenyl)-1-methyl-, (3S,4R)-
 MF C22 H22 F7 N O

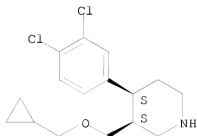
Absolute stereochemistry. Rotation (-).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 3-[(cyclopropylmethoxy)methyl]-4-(3,4-dichlorophenyl)-,
 (3R,4R)-rel-(+)-
 MF C16 H21 Cl2 N O
 CI COM

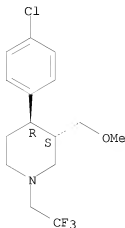
Rotation (+). Absolute stereochemistry unknown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 4-(4-chlorophenyl)-3-(methoxymethyl)-1-(2,2,2-trifluoroethyl)-,
 hydrobromide, trans- (9CI)
 MF C15 H19 Cl F3 N O . Br H

Relative stereochemistry.

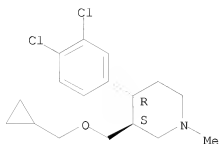


● HBr

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 3-[(cyclopropylmethoxy)methyl]-4-(3,4-dichlorophenyl)-1-methyl-
 , (3R,4S)-rel-(-)-, (2E)-2-butenedioate (1:1) (9CI)
 MF C17 H23 Cl2 N O . C4 H4 O4

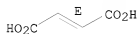
CM 1

Rotation (-). Absolute stereochemistry unknown.



CM 2

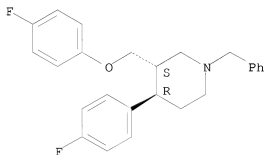
Double bond geometry as shown.



L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Piperidine, 3-[(4-fluorophenoxy)methyl]-4-(4-fluorophenyl)-1-
MF (phenylmethyl)-, (3R,4S)-rel-, (2Z)-2-butenedioate (1:1) (9CI)
C25 H25 F2 N O . C4 H4 O4

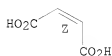
CM 1

Relative stereochemistry.



CM 2

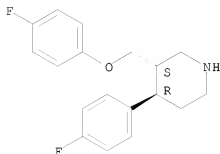
Double bond geometry as shown.



L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Piperidine, 3-[(4-fluorophenoxy)methyl]-4-(4-fluorophenyl)-, trans- (9CI)
MF C18 H19 F2 N O

CI COM

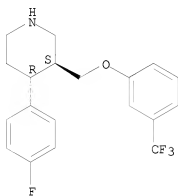
Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Piperidine, 4-(4-fluorophenyl)-3-[[3-(trifluoromethyl)phenoxy]methyl]-,
trans-(-)- (9CI)
MF C19 H19 F4 N O
CI COM

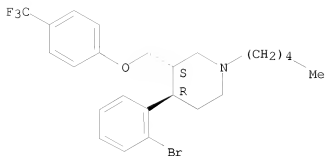
Rotation (-). Absolute stereochemistry unknown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Piperidine, 4-(2-bromophenyl)-1-pentyl-3-[[4-(trifluoromethyl)phenoxy]meth
yl]-, trans- (9CI)
MF C24 H29 Br F3 N O
CI COM

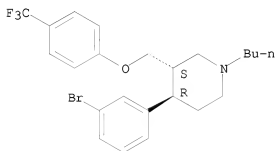
Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 4-(3-bromophenyl)-1-butyl-3-[[4-(trifluoromethyl)phenoxy]methyl]-, hydrochloride, trans- (9CI)
 MF C23 H27 Br F3 N O . Cl H

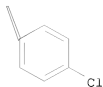
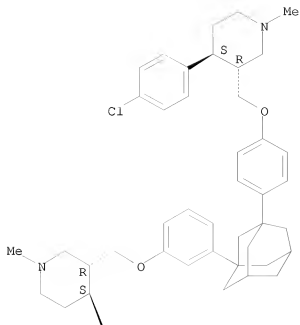
Relative stereochemistry.



● HCl

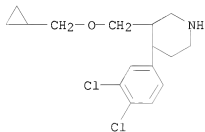
L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 4-(4-chlorophenyl)-3-[[3-[3-[4-[(3R,4S)-4-(4-chlorophenyl)-1-methyl-3-piperidinyl]methoxy]phenyl]tricyclo[3.3.1.1^{3,7}]dec-1-yl]phenoxy]methyl]-1-methyl-, (3R,4S)- (9CI)
 MF C48 H56 Cl2 N2 O2
 CI COM

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

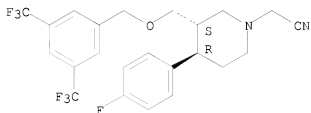
L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 3-[(cyclopropylmethoxy)methyl]-4-(3,4-dichlorophenyl)-
 MF C16 H21 Cl2 N O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN 1-Piperidineacetonitrile, 3-[[[3,5-bis(trifluoromethyl)phenyl]methoxy]meth
 yl]-4-(4-fluorophenyl)-, (3S,4R)-
 MF C23 H21 F7 N2 O

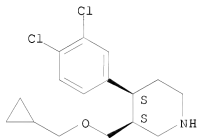
Absolute stereochemistry. Rotation (-).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 3-[(cyclopropylmethoxy)methyl]-4-(3,4-dichlorophenyl)-,
 (3R,4R)-rel-(-)- (9CI)
 MF C16 H21 Cl2 N O
 CI COM

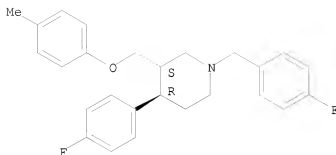
Rotation (-). Absolute stereochemistry unknown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 4-(4-fluorophenyl)-1-[(4-fluorophenyl)methyl]-3-[(4-
 methylphenoxy)methyl]-, trans- (9CI)
 MF C26 H27 F2 N O
 CI COM

Relative stereochemistry.

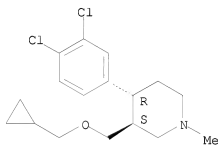


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 3-[(cyclopropylmethoxy)methyl]-4-(3,4-dichlorophenyl)-1-methyl-
 , (3R,4S)-rel-(+)-, (2E)-2-butenedioate (1:1) (9CI)
 MF C17 H23 Cl2 N O . C4 H4 O4

CM 1

Rotation (+). Absolute stereochemistry unknown.



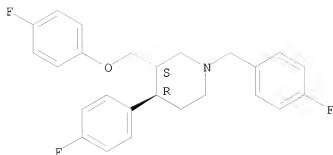
CM 2

Double bond geometry as shown.



L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 3-[(4-fluorophenoxy)methyl]-4-(4-fluorophenyl)-1-[(4-
 fluorophenyl)methyl]-, trans- (9CI)
 MF C25 H24 F3 N O
 CI COM

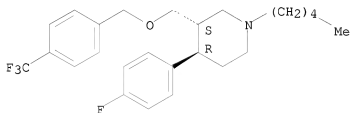
Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 4-(4-fluorophenyl)-1-pentyl-3-[[[4-(trifluoromethyl)phenyl]methoxy]methyl]-, trans-(-)- (9CI)
 MF C25 H31 F4 N O
 CI COM

Rotation (-). Absolute stereochemistry unknown.

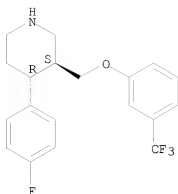


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 4-(4-fluorophenyl)-3-[[[3-(trifluoromethyl)phenoxy]methyl]-, (3R,4S)-rel-(-)-, (2R,3R)-2,3-dihydroxybutanedioate (1:1) (9CI)
 MF C19 H19 F4 N O . C4 H6 O6

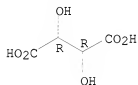
CM 1

Rotation (-). Absolute stereochemistry unknown.



CM 2

Absolute stereochemistry.

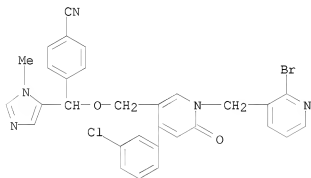


L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN Benzonitrile, 4-[[[1-[(2-bromo-3-pyridinyl)methyl]-4-(3-chlorophenyl)-1,6-

dihydro-6-oxo-3-pyridinyl)methoxy](1-methyl-1H-imidazol-5-yl)methyl]-

MF C30 H23 Br Cl N5 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

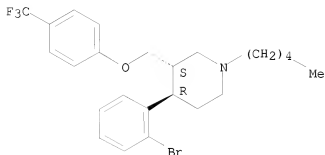
L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN Piperidine, 4-(2-bromophenyl)-1-pentyl-3-[[4-(trifluoromethyl)phenoxy]meth

yl]-, hydrochloride, trans- (9CI)

MF C24 H29 Br F3 N O . Cl H

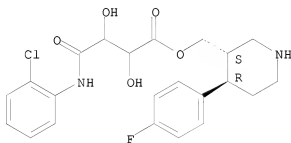
Relative stereochemistry.



● HCl

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Butanoic acid, 4-[(2-chlorophenyl)amino]-2,3-dihydroxy-4-oxo-,
[(3S,4R)-4-(4-fluorophenyl)-3-piperidinyl]methyl ester
MF C22 H24 Cl F N2 O5

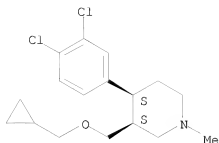
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Piperidine, 3-[(cyclopropylmethoxy)methyl]-4-(3,4-dichlorophenyl)-1-methyl-,
(3R,4R)-rel-(+)-
MF C17 H23 Cl2 N O
CI COM

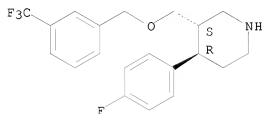
Rotation (+). Absolute stereochemistry unknown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 4-(4-fluorophenyl)-3-[[[3-(trifluoromethyl)phenyl]methoxy]meth
 yl]-, hydrochloride (1:1), (3S,4R)-
 MF C20 H21 F4 N O . Cl H

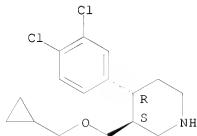
Absolute stereochemistry. Rotation (-).



● HCl

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 3-[(cyclopropylmethoxy)methyl]-4-(3,4-dichlorophenyl)-,
 (3R,4S)-rel-(-)- (9CI)
 MF C16 H21 Cl2 N O
 CI COM

Rotation (-). Absolute stereochemistry unknown.

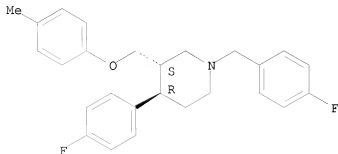


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Piperidine, 4-(4-fluorophenyl)-1-[(4-fluorophenyl)methyl]-3-[(4-methylphenoxy)methyl]-, (3R,4S)-rel-, (2Z)-2-butenedioate (1:1) (9CI)
MF C26 H27 F2 N O . C4 H4 O4

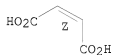
CM 1

Relative stereochemistry.



CM 2

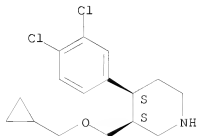
Double bond geometry as shown.



L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Piperidine, 3-[(cyclopropylmethoxy)methyl]-4-(3,4-dichlorophenyl)-, (3R,4R)-rel-(+)-, (2E)-2-butenedioate (1:1) (9CI)
MF C16 H21 Cl2 N O . C4 H4 O4

CM 1

Rotation (+). Absolute stereochemistry unknown.



CM 2

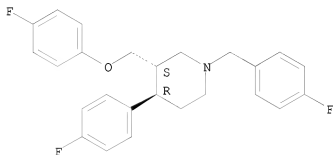
Double bond geometry as shown.



L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Piperidine, 3-[(4-fluorophenoxy)methyl]-4-[(4-fluorophenyl)-1-[(4-fluorophenyl)methyl]-, (3R,4S)-rel-, (2Z)-2-butenedioate (1:1) (9CI)
MF C25 H24 F3 N O . C4 H4 O4

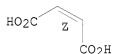
CM 1

Relative stereochemistry.



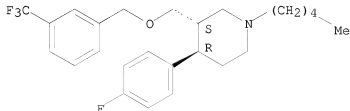
CM 2

Double bond geometry as shown.



L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Piperidine, 4-(4-fluorophenyl)-1-pentyl-3-[[[3-(trifluoromethyl)phenyl]methoxy]methyl]-, trans-(-)- (9CI)
MF C25 H31 F4 N O
CI COM

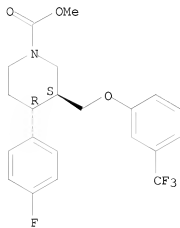
Rotation (-). Absolute stereochemistry unknown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

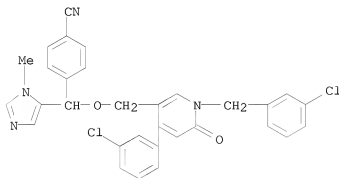
L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN 1-Piperidinecarboxylic acid, 4-(4-fluorophenyl)-3-[[3-(trifluoromethyl)phenoxy]methyl]-, methyl ester, trans-(-)- (9CI)
 MF C21 H21 F4 N O3

Rotation (-). Absolute stereochemistry unknown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

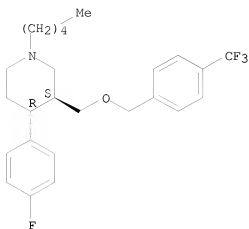
L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Benzonitrile, 4-[[[4-(3-chlorophenyl)-1-[(3-chlorophenyl)methyl]-1,6-dihydro-6-oxo-3-pyridinyl]methoxy](1-methyl-1H-imidazol-5-yl)methyl]-
 MF C31 H24 Cl2 N4 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 4-(4-fluorophenyl)-1-pentyl-3-[[[4-(trifluoromethyl)phenyl]methoxy]methyl]-, hydrochloride, trans-(-)- (9CI)
 MF C25 H31 F4 N O . Cl H

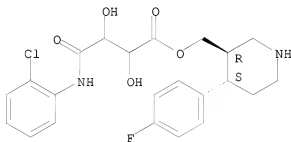
Rotation (-). Absolute stereochemistry unknown.



● HCl

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Butanoic acid, 4-[(2-chlorophenyl)amino]-2,3-dihydroxy-4-oxo-,
 [(3R,4S)-4-(4-fluorophenyl)-3-piperidinyl]methyl ester
 MF C22 H24 Cl F N2 O5

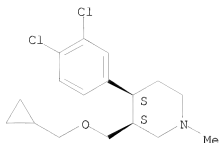
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 3-[(cyclopropylmethoxy)methyl]-4-(3,4-dichlorophenyl)-1-methyl-,
 (3R,4R)-rel-(-)- (9CI)
 MF C17 H23 Cl2 N O
 CI COM

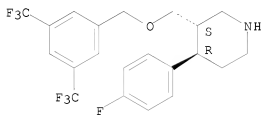
Rotation (-). Absolute stereochemistry unknown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 3-[[[3,5-bis(trifluoromethyl)phenyl]methoxy]methyl]-4-(4-fluorophenyl)-, (3S,4R)-
 MF C21 H20 F7 N O
 CI COM

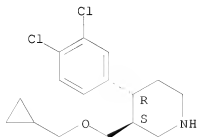
Absolute stereochemistry. Rotation (-).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 3-[(cyclopropylmethoxy)methyl]-4-(3,4-dichlorophenyl)-, (3R,4S)-rel-(+)-
 MF C16 H21 Cl2 N O
 CI COM

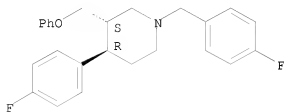
Rotation (+). Absolute stereochemistry unknown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Piperidine, 4-(4-fluorophenyl)-1-[(4-fluorophenyl)methyl]-3-
(phenoxymethyl)-, trans- (9CI)
MF C25 H25 F2 N O
CI COM

Relative stereochemistry.

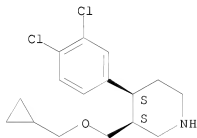


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Piperidine, 3-[(cyclopropylmethoxy)methyl]-4-(3,4-dichlorophenyl)-,
(3R,4R)-rel-(-)-, (2E)-2-butenedioate (1:1) (9CI)
MF C16 H21 Cl2 N O . C4 H4 O4

CM 1

Rotation (-). Absolute stereochemistry unknown.



CM 2

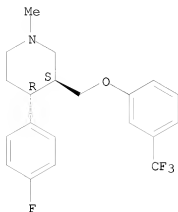
Double bond geometry as shown.



L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Piperidine, 4-(4-fluorophenyl)-1-methyl-3-[3-

(trifluoromethyl)phenoxy)methyl]-, trans-(-)- (9CI)
 MF C20 H21 F4 N O

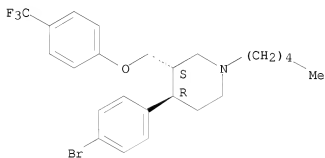
Rotation (-). Absolute stereochemistry unknown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 4-(4-bromophenyl)-1-pentyl-3-[[4-(trifluoromethyl)phenoxy]meth
 yl]-, trans- (9CI)
 MF C24 H29 Br F3 N O
 CI COM

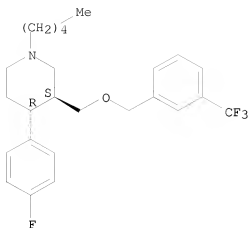
Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

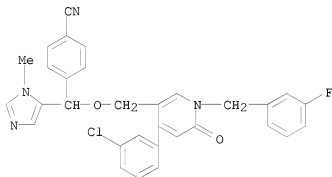
L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 4-(4-fluorophenyl)-1-pentyl-3-[[[3-(
 trifluoromethyl)phenyl]methoxy]methyl]-, hydrochloride, trans-(-)- (9CI)
 MF C25 H31 F4 N O . Cl H

Rotation (-). Absolute stereochemistry unknown.



● HCl

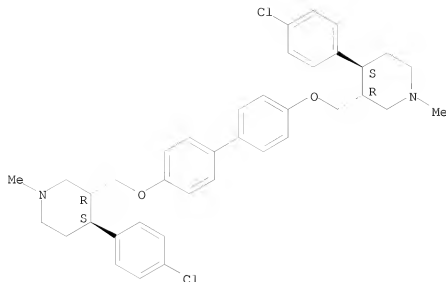
L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Benzonitrile, 4-[[[4-(3-chlorophenyl)-1-[(3-fluorophenyl)methyl]-1,6-
 dihydro-6-oxo-3-pyridinyl]methoxy](1-methyl-1H-imidazol-5-yl)methyl]-
 MF C31 H24 Cl F N4 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 3,3'-[[[1,1'-biphenyl]-4,4'-diylbis(oxymethylene)]]bis[4-(4-
 chlorophenyl)-1-methyl-, dihydrochloride, (3R,3'R,4S,4'S)- (9CI)
 MF C38 H42 Cl2 N2 O2 . 2 Cl H

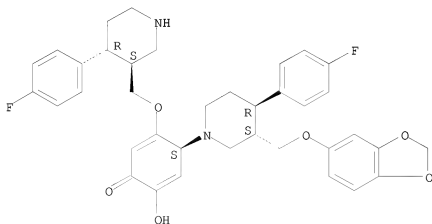
Absolute stereochemistry. Rotation (+).



● 2 HCl

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN 2,5-Cyclohexadien-1-one, 4-[(3S,4R)-3-[(1,3-benzodioxol-5-yloxy)methyl]-4-(4-fluorophenyl)-1-piperidinyl]-5-[[[(3S,4R)-4-(4-fluorophenyl)-3-piperidinyl]methoxy]-2-hydroxy-, (4S)-
 MF C37 H38 F2 N2 O6

Absolute stereochemistry.

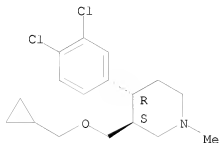


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN Piperidine, 3-[(cyclopropylmethoxy)methyl]-4-(3,4-dichlorophenyl)-1-methyl-, (3R,4S)-rel-(-)- (9CI)
 MF C17 H23 Cl2 N O
 CI COM

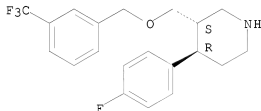
Rotation (-). Absolute stereochemistry unknown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 4-(4-fluorophenyl)-3-[[[3-(trifluoromethyl)phenyl]methoxy]methyl]-, (3S,4R)-
 MF C20 H21 F4 N O
 CI COM

Absolute stereochemistry. Rotation (-).

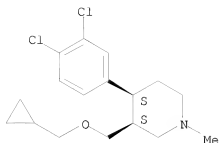


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 3-[(cyclopropylmethoxy)methyl]-4-(3,4-dichlorophenyl)-1-methyl-, (3R,4R)-rel-(+)-, (2E)-2-butenedioate (1:1) (9CI)
 MF C17 H23 Cl2 N O . C4 H4 O4

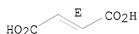
CM 1

Rotation (+). Absolute stereochemistry unknown.



CM 2

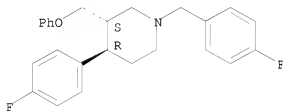
Double bond geometry as shown.



L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 4-(4-fluorophenyl)-1-[(4-fluorophenyl)methyl]-3-
 (phenoxymethyl)-, (3R,4S)-rel-, (2Z)-2-butenedioate (1:1) (9CI)
 MF C25 H25 F2 N O . C4 H4 O4

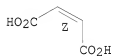
CM 1

Relative stereochemistry.



CM 2

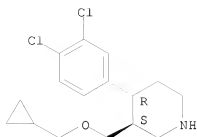
Double bond geometry as shown.



L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 3-[(cyclopropylmethoxy)methyl]-4-(3,4-dichlorophenyl)-,
 (3R,4S)-rel-(-)-, (2E)-2-butenedioate (1:1) (9CI)
 MF C16 H21 Cl2 N O . C4 H4 O4

CM 1

Rotation (-). Absolute stereochemistry unknown.



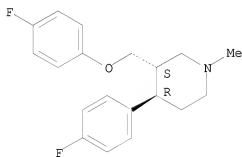
CM 2

Double bond geometry as shown.



L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 3-[(4-fluorophenoxy)methyl]-4-(4-fluorophenyl)-1-methyl-,
 trans- (9CI)
 MF C19 H21 F2 N O

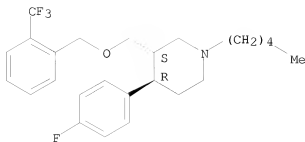
Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 4-(4-fluorophenyl)-1-pentyl-3-[[[2-(trifluoromethyl)phenyl]methoxy]methyl]-, trans-(-)- (9CI)
 MF C25 H31 F4 N O
 CI COM

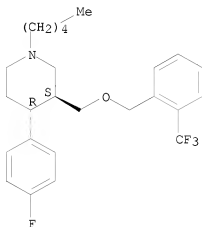
Rotation (-). Absolute stereochemistry unknown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 4-(4-fluorophenyl)-1-pentyl-3-[[[2-(trifluoromethyl)phenyl]methoxy]methyl]-, hydrochloride, trans-(-)- (9CI)
 MF C25 H31 F4 N O . Cl H

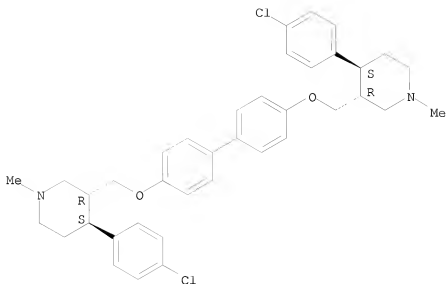
Rotation (-). Absolute stereochemistry unknown.



● HCl

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 3,3'-[[[1,1'-biphenyl]-4,4'-diylbis(oxymethylene)]bis[4-(4-chlorophenyl)-1-methyl]-, (3R,3'R,4S,4'S)- (9CI)
 MF C38 H42 Cl2 N2 O2
 CI COM

Absolute stereochemistry. Rotation (+).

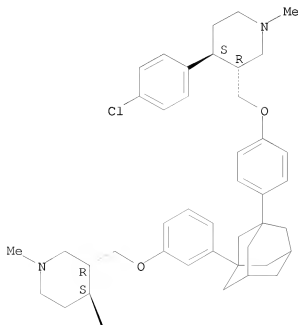


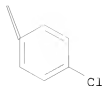
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 4-(4-chlorophenyl)-3-[[3-[3-[4-[[(3R,4S)-4-(4-chlorophenyl)-1-methyl-3-piperidinyl]methoxy]phenyl]tricyclo[3.3.1.1^{3,7}]dec-1-yl]phenoxy]methyl]-1-methyl-, dihydrochloride, (3R,4S)- (9CI)
 MF C48 H56 Cl2 N2 O2 . 2 Cl H

Absolute stereochemistry.

PAGE 1-A

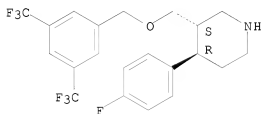




● 2 HCl

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 3-[[[3,5-bis(trifluoromethyl)phenyl]methoxy]methyl]-4-(4-
 fluorophenyl)-, hydrochloride (1:1), (3S,4R)-
 MF C21 H20 F7 N O . Cl H

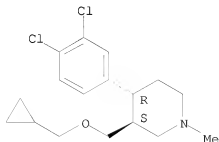
Absolute stereochemistry. Rotation (-).



● HCl

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Piperidine, 3-[(cyclopropylmethoxy)methyl]-4-(3,4-dichlorophenyl)-1-methyl-
 , (3R,4S)-rel-(+)-
 MF C17 H23 Cl2 N O
 CI COM

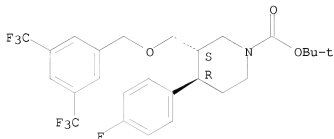
Rotation (+). Absolute stereochemistry unknown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 1-Piperidinecarboxylic acid, 3-[[[3,5-bis(trifluoromethyl)phenyl]methoxy]methyl]-4-(4-fluorophenyl)-, 1,1-dimethylethyl ester, (3S,4R)-
MF C26 H28 F7 N O3

Absolute stereochemistry. Rotation (-).

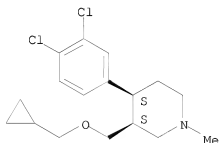


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Piperidine, 3-[(cyclopropylmethoxy)methyl]-4-(3,4-dichlorophenyl)-1-methyl-, (3R,4R)-rel-(-)-, (2E)-2-butenedioate (1:1) (9CI)
MF C17 H23 Cl2 N O . C4 H4 O4

CM 1

Rotation (-). Absolute stereochemistry unknown.



CM 2

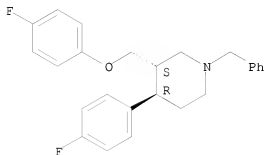
Double bond geometry as shown.



L10 64 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN Piperidine, 3-[(4-fluorophenoxy)methyl]-4-(4-fluorophenyl)-1-(
(phenylmethyl)-, trans- (9CI)
MF C25 H25 F2 N O
CI COM

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED